

Thursday, August 17, 2023

11:30 AM - 11:50 AM

Leveraging Cisco Soft Client on ATAK with Cisco

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This abstract provides an overview of the potential benefits and implications of integrating Cisco Soft client for Mobile with the Android Team Awareness Kit (ATAK) and Cisco Communications Manager (CUCM). The objective is to explore the advantages of this integration in enabling effective communication and collaboration in tactical edge environments.

The integration of Cisco's soft client on ATAK with CUCM presents a unique opportunity for Army. By combining the capabilities of these platforms, users gain access to a comprehensive suite of communication tools, including voice, video, chat, presence, and file sharing.

One of the key advantages of this integration is the ability to extend Cisco Communications Manager features and services to mobile devices running ATAK. This integration empowers users to communicate seamlessly across devices, bridging the gap between the tactical edge and command centers. It facilitates real-time situational awareness, allowing personnel to make informed decisions and coordinate operations effectively.

Moreover, the integration offers interoperability with existing tactical communication systems, enhancing the overall connectivity and collaboration among team members. By leveraging Cisco Jabber for Mobile on ATAK with CUCM, personnel can communicate securely and reliably using military-grade encryption and authentication protocols. This ensures the confidentiality, integrity, and availability of critical communications.

Additionally, the integration enables enhanced information sharing and coordination through the integration of ATAK's mapping, tracking, and geospatial capabilities with Cisco's communication features. Personnel can share location data, images, videos, and other relevant information in real-time, enabling a shared operational picture and improved situational awareness.

In conclusion, the integration of Cisco soft client on ATAK with Cisco Communications Manager offers a powerful solution for enhancing communication and collaboration in tactical edge environments. By enabling seamless interoperability, real-time situational awareness, and secure information sharing, this integration can significantly improve operational effectiveness for military and emergency response personnel.